UPDATED EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1643	507/240,244,922.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON .	2007/11/26 14:08
L2	378	166/308.2.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/26 14:08
L3	1888	L1 L2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/26 14:08

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L4	9	isostearylamidopropylmorpholine isostearylamido\$1propylmorpholine isostearylamido\$1propylmorpholine isostearyl\$1amido\$1propylmorpholine isostearyl\$1amido\$1propyl\$1morpholine isostearyl\$1amido\$1propyl\$1morpholine isostearyl\$1amido\$1propyl\$1morpholine isostearyl\$1amido\$1propyl\$1morpholine isostearylamido\$1propyl\$1morpholine (isostearylamido adj propylmorpholine) (isostearylamidopropyl adj morpholine) (isostearyl adj amido\$1propyl\$1morpholine) (isostearyl adj amido\$1propyl\$1morpholine) (isostearyl\$1amido adj propylmorpholine) (isostearylamido adj propyl\$1morpholine) (isostearyl\$1amido adj propyl\$1morpholine) (isostearyl\$1amidopropyl adj morpholine) (isostearylamido\$1propyl adj morpholine) (isostearyl\$1amido\$1propyl adj morpholine) (isostearyl adj amido adj propylmorpholine) (isostearyl adj amido adj propyl\$1morpholine) (isostearyl adj amidopropyl adj morpholine) (isostearyl adj amido adj propyl adj morpholine) (isostearyl adj amidopropyl adj morpholine) (isostearyl adj amido\$1propyl adj morpholine) (isostearylamido adj propyl adj morpholine) (isostearyl adj amido\$1propyl adj morpholine) (isostearylamido adj propyl adj morpholine) (isostearyl adj amido\$1propyl adj morpholine) (isostearylamido adj propyl adj morpholine) (isostearyl adj amido\$1propyl adj morpholine) (isostearylamido adj propyl adj morpholine) (isostearyl adj amido\$1propyl adj morpholine) (isostearyl adj morpholine) (isostearyl adj morpholine) (isostearyl adj morpholine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/26 14:15
L5	12207905	salt or halide or fluoride or "F" or chloride or "Cl" or bromide or "Br" or iodide or "I" (oxo near20 (phosphorus or "P" or sulfur or sulphur or "S")) or (organic adj anion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON .	2007/11/26 14:15

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L6	3	(erucylamidopropyltrimethyl erucyl\$1amidopropyltrimethyl erucylamido\$1propyltrimethyl erucyl\$1amido\$1propyltrimethyl erucyl\$1amido\$1propyl\$1trimethyl erucyl\$1amido\$1propyl\$1trimethyl erucyl\$1amido\$1propyl\$1trimethyl erucyl\$1amido\$1propyl\$1trimethyl (erucyl adj amidopropyltrimethyl) (erucyl adj amidopropyltrimethyl) (erucylamido adj propyltrimethyl) (erucylamidopropyl adj trimethyl) (erucyl adj amidopropyl\$1trimethyl) (erucyl adj amidopropyl\$1trimethyl) (erucyl adj amido\$1propyl\$1trimethyl) (erucyl\$1amido adj propyl\$1trimethyl) (erucyl\$1amido adj propyl\$1trimethyl) (erucyl\$1amido\$1propyl adj trimethyl) (erucyl\$1amido\$1propyl adj trimethyl) (erucyl adj amido adj propyl\$1trimethyl) (erucyl adj amido adj propyl\$1trimethyl) (erucyl adj amido adj propyl adj trimethyl) (erucylamido\$1propyl adj trimethyl) (erucylamido adj propyl adj trimethyl) (erucylamido adj propyl adj trimethyl) (erucyl\$1amido adj propyl adj trimethyl)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/26 14:15
L7	182414	((cationic or viscoelastic or visco\$1elastic or (visco adj elastic)) with (surfactant or (surface adj active))) or (quaternary adj ammonium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/26 14:15
L8	512	alkylaminealkylene alkyl\$1aminealkylene alkyl\$1amine\$1alkylene (alkyl adj aminealkylene) (alkylamine adj alkylene) (alkyl adj amine\$1alkylene) (alkyl\$1amine adj alkylene) (alkyl adj amine adj alkylene) alkylamidoalkylene alkyl\$1amidoalkylene alkyl\$1amido\$1alkylene alkyl\$1amido\$1alkylene (alkyl\$1amido\$1alkylene (alkyl\$1amido\$1alkylene) (alkyl adj amidoalkylene) (alkylamido adj alkylene) (alkyl adj amido\$1alkylene) (alkyl\$1amido adj alkylene) (alkyl adj amido adj alkylene)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/26 14:15

			LIC DCC: 15	0.0	ON	2007/11/20 14:15
L9	154830	trialkyl or trimethyl	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/26 14:15
L10	812387	ammonium	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/26 14:15
L11	0	L7 and L8 and L9 and L10	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/26 14:15
L12	0	L7 and (L8 with L9 with L10)	US-PGPUB; USPAT	OR	ON	2007/11/26 14:16
L13	1	L7 and (L8 same L9 same L10)	US-PGPUB; USPAT	OR	ON	2007/11/26 14:16
L14	22	L7 and L8 and L9 and L10	US-PGPUB; USPAT	OR	ON	2007/11/26 14:16
S1	1628	507/240,244,922.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 08:18
S2	367	166/308.2.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR .	ON	2007/08/13 08:18
S3	1866	S1 S2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 08:22
54	6	("4168302" "4725372" "4898725" "5019281" "5551516" "5866040").pn.	USPAT	OR .	ON	2007/08/13 08:21
S5	3	("6248699" "6828281" "20020147127").pn.	US-PGPUB; USPAT	OR	ON ·	2007/08/13 09:50

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S6	178785	((cationic or viscoelastic or visco\$1elastic or (visco adj elastic)) with (surfactant or (surface adj active))) or (quaternary adj ammonium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 13:31
S7	506	alkylaminealkylene alkyl\$1aminealkylene alkyl\$1amine\$1alkylene (alkyl adj aminealkylene) (alkylamine adj alkylene) (alkyl adj amine\$1alkylene) (alkyl\$1amine adj alkylene) (alkyl adj amine adj alkylene) alkylamidoalkylene alkyl\$1amidoalkylene alkyl\$1amido\$1alkylene alkyl\$1amido\$1alkylene (alkyl\$1amido\$1alkylene (alkyl\$1amido\$1alkylene) (alkyl adj amidoalkylene) (alkylamido adj alkylene) (alkyl adj amido\$1alkylene) (alkyl\$1amido adj alkylene) (alkyl adj amido adj alkylene)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 13:33
S8	152102	trialkyl or trimethyl	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 13:36
S9	799585	ammonium	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 13:37
S10	11880406	salt or halide or fluoride or "F" or chloride or "Cl" or bromide or "Br" or iodide or "I" (oxo near20 (phosphorus or "P" or sulfur or sulphur or "S")) or (organic adj anion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 13:40

Page 5

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isostearyl isosteary isoste	opylmorpholine) ylamido adj orpholine) ylamidopropyl adj ne) (isostearyl adj oropylmorpholine) (isostearyl opropyl\$1morpholine) yl adj oropyl\$1morpholine) yl\$1amido adj orpholine) (isostearylamido yl\$1morpholine) yl\$1amido adj morpholine) yl\$1amido adj morpholine) yl\$1amido adj	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	

S12	2	(erucylamidopropyltrimethyl erucyl\$1amidopropyltrimethyl erucylamido\$1propyltrimethyl erucyl\$1amido\$1propyltrimethyl erucyl\$1amido\$1propyl\$1trimethyl erucyl\$1amido\$1propyl\$1trimethyl erucyl\$1amido\$1propyl\$1trimethyl erucyl\$1amido\$1propyl\$1trimethyl erucyl\$1amido\$1propyl\$1trimethyl (erucyl adj amidopropyltrimethyl) (erucylamido adj propyltrimethyl) (erucylamidopropyl adj trimethyl) (erucyl adj amido\$1propyl\$1trimethyl) (erucyl adj amido\$1propyl\$1trimethyl) (erucyl\$1amido adj propyl\$1trimethyl) (erucyl\$1amido adj propyl\$1trimethyl) (erucyl\$1amido adj propyl\$1trimethyl) (erucyl\$1amidopropyl adj trimethyl) (erucyl\$1amido\$1propyl adj trimethyl) (erucyl adj amido adj propyl\$1trimethyl) (erucyl adj amido adj propyl\$1trimethyl) (erucyl adj amido adj propyl adj trimethyl) (erucylamido\$1propyl adj trimethyl) (erucylamido adj propyl adj trimethyl) (erucylamido adj propyl adj trimethyl) (erucyl\$1amido adj propyl adj trimethyl)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 14:21
S13	0	S6 and S7 and S8 and S9	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 14:21
S14	6	S6 and S7 and S8 and S9	USOCR	OR	ON	2007/08/13 14:21
S15	0	S6 and (S7 with S8 with S9)	US-PGPUB; USPAT	OR	ON	2007/08/13 14:22
S16	1	S6 and (S7 same S8 same S9)	US-PGPUB; USPAT	OR	ON	2007/08/13 14:22
S17	22	S6 and S7 and S8 and S9	US-PGPUB; USPAT	OR	ON	2007/08/13 14:22
S18	178785	((cationic or viscoelastic or visco\$1elastic or (visco adj elastic)) with (surfactant or (surface adj active))) or (quaternary adj ammonium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 14:23

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S19	506	alkylaminealkylene alkyl\$1aminealkylene alkyl\$1amine\$1alkylene (alkyl adj aminealkylene) (alkylamine adj alkylene) (alkyl adj amine\$1alkylene) (alkyl\$1amine adj alkylene) (alkyl adj amine adj alkylene) alkylamidoalkylene alkyl\$1amidoalkylene alkyl\$1amido\$1alkylene alkyl\$1amido\$1alkylene (alkyl\$1amido\$1alkylene (alkyl\$1amido\$1alkylene) (alkyl adj amidoalkylene) (alkylamido adj alkylene) (alkyl adj amido\$1alkylene) (alkyl\$1amido adj alkylene) (alkyl adj amido adj alkylene)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 14:23
S20	152102	trialkyl or trimethyl	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 14:23
S21	799585	ammonium	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 14:23
S22	11880406	salt or halide or fluoride or "F" or chloride or "Cl" or bromide or "Br" or iodide or "I" (oxo near20 (phosphorus or "P" or sulfur or sulphur or "S")) or (organic adj anion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON .	2007/08/13 14:23

S24	2	(erucylamidopropyltrimethyl erucyl\$1amidopropyltrimethyl erucylamido\$1propyltrimethyl erucyl\$1amido\$1propyltrimethyl erucyl\$1amido\$1propyl\$1trimethyl erucyl\$1amido\$1propyl\$1trimethyl erucyl\$1amido\$1propyl\$1trimethyl erucyl\$1amido\$1propyl\$1trimethyl erucyl\$1amido\$1propyl\$1trimethyl (erucyl adj amidopropyltrimethyl) (erucylamido adj propyltrimethyl) (erucylamidopropyl adj trimethyl) (erucyl adj amido\$1propyl\$1trimethyl) (erucyl adj amido\$1propyl\$1trimethyl) (erucyl adj amido\$1propyl\$1trimethyl) (erucyl\$1amido adj propyl\$1trimethyl) (erucyl\$1amido adj propyl\$1trimethyl) (erucyl\$1amido adj propyl\$1trimethyl) (erucyl\$1amido\$1propyl adj trimethyl) (erucyl\$1amido\$1propyl adj trimethyl) (erucyl adj amido adj propyl\$1trimethyl) (erucyl adj amidopropyl adj trimethyl) (erucyl adj amidopropyl adj trimethyl) (erucyl adj	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 14:23
		propyl\$1trimethyl) (erucyl adj		-		
S25	1	((S18 S19 S20 S21) or S23 or S24). clm.	US-PGPUB	WITH	ON ,	2007/08/13 14:26

INTERFERENCE EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	182414	((cationic or viscoelastic or visco\$1elastic or (visco adj elastic)) with (surfactant or (surface adj active))) or (quaternary adj ammonium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/26 14:30
L2	512	alkylaminealkylene alkyl\$1aminealkylene alkyl\$1amine\$1alkylene (alkyl adj aminealkylene) (alkylamine adj alkylene) (alkyl adj amine\$1alkylene) (alkyl\$1amine adj alkylene) (alkyl adj amine adj alkylene) alkylamidoalkylene alkyl\$1amidoalkylene alkyl\$1amido\$1alkylene alkyl\$1amido\$1alkylene (alkyl\$1amido\$1alkylene (alkyl\$1amido\$1alkylene) (alkyl adj amidoalkylene) (alkylamido adj alkylene) (alkyl adj amido\$1alkylene) (alkyl\$1amido adj alkylene) (alkyl adj amido adj alkylene)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/26 14:30
L3	154830	trialkyl or trimethyl	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/26 14:30
L4	812387	ammonium	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/26 14:30

L5 9 isostearylamidopropylmorpholine isostearyls1amidopropylmorpholine isostearylamidopropyls1morpholine isostearylamidopropyl\$1morpholine isostearyl\$1amidopropyl\$1morpholine isostearyl\$1amido\$1propyl\$1morpholine isostearyl\$1amido\$1propyl\$1morpholine isostearyl\$1amido\$1propyl\$1morpholine isostearyl\$1amido\$1propyl\$1morpholine isostearylamido\$1propyl\$1morpholine isostearylamido\$1propyl\$1morpholine (isostearylamidopropyl\$1morpholine) (isostearylamidopropyl\$1morpholine) (isostearyladj amido\$1propyl\$1morpholine) (isostearyladj amido\$1propyl\$1morpholine) (isostearyladj amido\$1propyl\$1morpholine) (isostearylamido adj propyl\$1morpholine) (isostearyl\$1amido adj propyl\$1morpholine) (isostearyl\$1amidopropyl adj morpholine) (isostearyl\$1amidopropyl adj morpholine) (isostearyl\$1amido\$1propyl adj morpholine) (isostearyl adj amido\$1propyl\$1morpholine) (isostearyl\$1amido\$1propyl adj morpholine) (isostearyl\$1amido\$1propyl\$1morpholine) (isostearyl\$1amido\$1propyl\$1morpho			1	1		1
propyl adj morpholine) (isostearyl adj amido adj propyl adj morpholine)	L5	isostearyl\$1amidopropylmorpholine isostearylamido\$1propylmorpholine isostearyl\$1amido\$1propylmorpholine isostearyl\$1amido\$1propyl\$1morpholine isostearyl\$1amido\$1propyl\$1morpholine isostearyl\$1amido\$1propyl\$1morpholine isostearyl\$1amido\$1propyl\$1morpholine isostearylamido\$1propyl\$1morpholine (isostearylamido adj propylmorpholine) (isostearylamidopropyl adj morpholine) (isostearyl adj amido\$1propylmorpholine) (isostearyl adj amido\$1propyl\$1morpholine) (isostearyl\$1amido adj propylmorpholine) (isostearylamido adj propyl\$1morpholine) (isostearyl\$1amido adj propyl\$1morpholine) (isostearyl\$1amido adj propyl\$1morpholine) (isostearyl\$1amidopropyl adj morpholine) (isostearylamido\$1propyl adj morpholine) (isostearyl adj amido adj propyl\$1morpholine) (isostearyl adj amido adj propylmorpholine) (isostearyl adj amido adj propyl\$1morpholine) (isostearyl adj amidopropyl adj morpholine) (isostearyl adj amido\$1propyl adj morpholine) (isostearyl adj amidopropyl adj morpholine) (isostearyl adj amido\$1propyl adj morpholine) (isostearylamido adj propyl adj morpholine) (isostearyl adj amido\$1propyl adj morpholine) (isostearylamido adj propyl adj morpholine) (isostearyl adj amido\$1propyl adj morpholine) (isostearylamido adj propyl adj morpholine) (isostearyl adj amido\$1propyl adj morpholine) (isostearyl adj	USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2007/11/26 14:30

L6	4	(erucylamidopropyltrimethyl	US-PGPUB;	OR	ON	2007/11/26 14:30
	•	erucyl\$1amidopropyltrimethyl	USPAT;			
		erucylamido\$1propyltrimethyl	USOCR;			
		erucylamidopropyl\$1trimethyl	FPRS;			
		erucyl\$1amido\$1propyltrimethyl	EPO; JPO;			
		erucyl\$1amidopropyl\$1trimethyl	DERWENT;			
		erucylamido\$1propyl\$1trimethyl	IBM_TDB			
		erucyl\$1amido\$1propyl\$1trimethyl				
	•	(erucyl adj amidopropyltrimethyl) (erucylamido adj propyltrimethyl)				
		(erucylamido adj propylumetry) (erucylamidopropyl adj trimethyl)				
	Ì	(erucyl adj amido\$1propyltrimethyl)				
		(erucyl adj amidopropyl\$1trimethyl)				
		(erucyl adj amido\$1propyl\$1trimethyl)				
		(erucyl\$1amido adj propyltrimethyl)				
		(erucylamido adj propyl\$1trimethyl)				
		(erucyl\$1amido adj propyl\$1trimethyl)				
		(erucyl\$1amidopropyl adj trimethyl)				
		(erucylamido\$1propyl adj trimethyl)				
		(erucyl\$1amido\$1propyl adj trimethyl)				
		(erucyl adj amido adj propyltrimethyl) (erucyl adj amido adj				
		(erucyl adj affilido adj propyl\$1trimethyl) (erucyl adj				
		amidopropyl adj trimethyl) (erucyl adj				
		amido\$1propyl adj trimethyl)				
		(erucylamido adj propyl adj trimethyl)				
		(erucyl\$1amido adj propyl adj				
		trimethyl) (erucyl adj amido adj propyl				
		adj trimethyl))	,			
L7	0	(L1 L2 L3 L4 (L5 or L6)).clm.	US-PGPUB	WITH	ON	2007/11/26 14:30
L8	1	((L1 L2 L3 L4) or L5 or L6).clm.	US-PGPUB	WITH	ON	2007/11/26 14:30

Application#	Patent#	Status	Date Flied	Title	Inventor Name
09363489	6248699	150	07/29/1999	Gelling System For Hydrocarbon Fluids	Subramanian, Shankar
10070282	Not Issued	80	04/15/2002	Quaternary Ammonium Salts As Thickening Agents For Aqueous Systems	Subramanian, Shankar
11701353	Not Issued	41	02/01/2007	Quaternary Ammonium Salts As Thickening Agents For Aqueous Systems	Subramanian, Shankar
08159199	Not Issued	166	11/30/1993	Problem Resolution System	Subramanian, Shankar K.
	Not Issued		03/08/1996	Problem Resolution System	Subramanian, Shankar K.
10070282	Not Issued	80	04/15/2002	Quaternary Ammonium Salts As Thickening Agents For Aqueous Systems	Burgazli, Cenk
	Not issued		02/01/2007	Quaternary Ammonium Salts As Thickening Agents For Aqueous Systems	Burgazli, Cenk
	Not Issued		02/26/2002	Amine And Quaternary Ammonium Salt Derivatives Of Glycidyl Ethers And Glycidyl Esters	Burgazli, Cenk R.
60281899	Not Issued	159	04/05/2001	Amine And Quaternary Ammonium Salt Derivatives Of Glycidyl Ethers And Glycidyl Esters	Burgazli, Cenk R.
	Not Issued		06/06/2003	Gas Hydrate Inhibitors	Burgazli, Cenk R.
	Not Issued		06/29/1999	Alpha-Olefin Sulfonic Acid Derivatives And Compositions Containing Them	Burgazli, Cenk R.
	Not Issued		06/29/1999	Oxidized Alpha-Olefin Sulfonic Acids And Derivatives Thereof And Compositions Containing Them	Burgazli, Cenk R.
	Not Issued		04/15/2002	Quaternary Ammonium Salts As Thickening Agents For Aqueous Systems	Zhu, Yung-Peng
	Not Issued		12/22/1993	Surfactant Compositions Characterized By Improved Foam Height	Zhu, Shawn
	Not Issued		10/12/1994	Synergistic Surfactant Compositions	Zhu, Shawn
	Not Issued		05/25/1996	Synergistic Surfactant Compositions	Zhu, Shawn
	Not Issued		05/23/1997	Surfactant Compositions Characterized By Improved Foam Height	Zhu, Shawn
	Not Issued		05/05/1998	Dialkylouat And Trialkylouat Benzoate And Salicylate Salts	Zhu, Shawn
	Not issued		08/24/1998	Cold Processable Pearlescent Concentrates	Zhu, Shawn
	6451731		08/31/2000	Stable Concentrated Pesticidal Suspension	Zhu, Shawn
	Not issued		04/15/2002	Quaternary Ammonium Salts As Thickening Agents For Aqueous Systems	Zhu, Shawn
	Not Issued		02/26/2002	Amine And Quaternary Ammonium Salt Derivatives Of Glycidyl Ethers And Glycidyl Esters	Zhu, Shawn
	Not Issued		01/01/0001	Alkoxylated Alkylamine Quaternary Surfactants For Glyphosate	Zhu, Shawn
	Not Issued		01/01/0001	Alkoxylated Alkylamines/Alkyl Ether Amines With Peaked Distribution .	Zhu, Shawn
	Not Issued		02/01/2007	Quaternary Ammonium Salts As Thickening Agents For Aqueous Systems	Zhu, Shawn
	Not Issued		07/27/2000	Stable Concentrated Pesticidal Suspension	Zhu, Shawn
	Not Issued	1	09/10/1999	Stable Concentrated Pesticidal Suspension	Zhu, Shawn
	Not Issued		04/05/2001	Amine And Quaternary Ammonium Salt Derivatives Of Glycidyl Ethers And Glycidyl Esters	Zhu, Shawn
	Not Issued		09/23/2004	Ethoxylated Alkylamines Having Improved Compatibility With Glyphosate And Process For Preparing Same	Zhu, Shawn
	Not Issued		09/23/2004	Alkoxylated Alkylamine Quaternary Surfactants For Glyphosate	Zhu, Shawn
	Not Issued		03/23/2006	Alkoxylated Alkylamines / Alkyl Ether Amines With Peaked Distribution	Zhu, Shawn
	Not Issued		12/06/2006	Compatibility Agents For Herbicidal Formulations Comprising 2,4-(Dichlorophenoxy) Acetic Acid Salts	Zhu, Shawn
	Not Issued		06/14/2007	Alkylamidopropyl Dialkylamine Surfactants As Adjuvants	Zhu, Shawn
	Not Issued		10/08/2007	Alkoxylated Asymmetric Alkylamine Surfactants As Adjuvants	Zhu, Shawn
	6828281		06/16/2000	Surfactant Blends For Aqueous Solutions Useful For Improving Oil Recovery	Feuerbacher, Dave
	Not Issued		04/15/2002	Quaternary Ammonium Salts As Thickening Agents For Aqueous Systems	Feuerbacher, Dave
	Not Issued		11/10/2004	Surfactant Blends For Aqueous Solutions Useful For Improving Oil Recovery	Feuerbacher, Dave
	Not Issued		02/01/2007	Quaternary Ammonium Salts As Thickening Agents For Aqueous Systems	Feuerbacher, Daye
	Not Issued		11/13/2001	Emulsifier For Oil-Based Drilling Fluids	Feuerbacher, David G.